

TCSD CPO Monthly Operation/Maintenance Report

March 2022

General Plant Operation/Maintenance

- Daily plant maintenance/housekeeping
- Daily/Monthly/Quarterly sampling and reporting
- Data collecting/recording /reporting
- Computer monitoring
- Compliance enforcement
- Scheduling
- Equipment cleaning/maintenance/calibrating
- Exercise equipment/valve
- SSO prevention
- Safety enforcement/prevention is performed daily through a facility safety walk and inspection.

Safety Report

- No safety accidents or near misses.
- Monthly fire extinguisher and eyewash station checks performed.
- Staff was recertified in First Aid and CPR on March 28. The certification is valid for two years.

Call out/Plug up/Spill/Collection System

- 708ft. of mainline was cleaned in February.
- No Call-outs occurred in March.
- Met with homeowner off Yosemite Rd. to ensure accessibility to Manhole A13 after owner installed new fencing around property.

Multiple USAN line location and markings were performed.
High school private lateral and outfall line is checked regularly.

Plant Operations

Additional activity performed at the Plant, above and beyond daily general operations and maintenance

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- The motor faulting at the headwork was resolved. There were two bad motor starters (one forward and one reverse) which is why staff were stumped after replacing one of the starters when troubleshooting the issue. The technician who responded was able to make one good starter out of the two bad ones. There was a good replacement starter in inventory to use as the second starter needed for normal operation. Replacement starters have been ordered to have on hand.
- While troubleshooting the faulted motor at the headworks one of the wires going back to the Blower Building SCADA cabinet shorted out a breaker responsible for operation of one pump at the Apple Colony Lift Station and both pumps at the Plant Drain Well. When staff arrived at work the next day they found the overflow pond full of water from the Plant Drain Well. Proper notification procedures were followed and the senior enforcement officer at the Fresno Water Boards office was contacted to clarify if this was a non-compliance issue, explaining it is questionable if a clay liner still exists in the pond. His response was to report it as such but he would not pursue is a violation.
- Two of the three drives in the SCADA server have crashed. As a result, there was no alarm notifications for a few days. At the time of this writing, staff was attempting to bring the old Chatterbox (old alarming call-out device) back online.
- The WWTP process is experiencing a seasonal upset. This causes excessive turbid water, foaming, and poor floc formation. This is not expected to cause a violation and should return back to normal within a month.

Apply Colony Lift Station

- Daily Apple Colony lift station inspections performed as required by SDRMA.

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Bakers Reservoir and Dam/Outfall line

- Freeboard is roughly at 6 ft.
- John Baker indicated he expects to start irrigation in the beginning of April. The irrigation pump, flow meters, and telemetry cabinets have been brought back online.
- The runoff ditch has been mucked out.
- Slash pile from fallen frees has been burned.

Administration notes:

- The 2022/23 fiscal year budget preparation is in process.
- TCSD staff continuously works to avoid any unnecessary overtime.

Prepared by:

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March 30, 2022